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A Replicated Architecture for the Domain Name System

I Kangasharju, KW Ross - PROC IEEE INFOCOM, 2000 - nibbler.tk.informatik.tu-darmstadt.de

.. correct information in the replicated **name**- servers is ... is clearly available for
 plicated **DNS**) can efficiently ... the central master replicated **server** is using a ...

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Fiber-Coax Local Access Networks

A Grzelak, H Miles Jr, ES Szurkowski, WP Weber Jr - Bell Labs Technical Journal, 1996 - doi.wiley.com

.. CBR—constant bit rate DES—data encryption standard **DNS**—domain **name** ... of delay on overseas
 phone calls carried on **satellite** circuits. ... Domain **name server** ...

Cited by 4 - [Web Search](#) - [csa.com](#)

An Indoors Wireless Positioning System Based on Wireless Local Area Network Infrastructure

F Wang, X Jia, HK Lee, GY Li - Proceedings of the 6th International Symposium on **Satellite** ..., 2003 - nisl.hau.ac.kr

.. TV signal positioning, IP address positioning, domain **name** system (**DNS**) positioning,
 and ... and indoor tracking- monitoring program on the **server** side. ...

Cited by 10 - [View as HTML](#) - [Web Search](#) - [gmat.unsw.edu.au](#)

King: Estimating latency between arbitrary internet end hosts

P Gummadi, S Saroiu, SD Gribble - Proceedings of the 2002 SIGCOMM Internet Measurement ..., 2002 - portal.acm.org

.. Each **DNS** query" is a UDP request packet. ... Even when the **name** servers and their end
 hosts are ... of practical applications (such as closest **server** replica selection ...

Cited by 88 - [Web Search](#) - [icir.org](#) - [cs.washington.edu](#) - [cs.berkeley.edu](#) - [all 24 versions](#) »

Securely implementing a BIND DNS server on RedHat Linux.

I Steadman - URL: http://www.giac.org/practical/GSEC/Jody_Steadman_GSEC ... - [giac.org](#)

.. IT East contains all domains authoritative for its **name server**. The secondary **server**
 will contain data from ... the primary and secondary **DNS server** assignments with ...

Cited by 2 - [View as HTML](#) - [Web Search](#)

Name and Address Decoupling in Support of Dynamic Networks

A McAuley, R Morera, NJ Morristown - Proc. of MILCOM, Oct, 2002 - [ieeexplore.ieee.org](#)

.. better suited to dynamic networks, we replace the **DNS** with a new Logical **Name Server**
 (NS) Page 2 971 that routes the query to a Location **Server** rather than ...

Cited by 2 - [Web Search](#) - [ieeexplore.ieee.org](#)

Replicating the DNS using Satellite Broadcast

I Kangasharju, KW Ross - Infocom 2000 - [eurecom.fr](#)

.. In the second scheme we have no central replicated **server**. ... it has received to all
 other replicated **name**- servers ... We expect **DNS** up- date traffic to be bursty and ...

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DoDNS: Improving DNS Performance and Reliability via Cooperative Lookups

S Park, VS Pai, L Peterson, Z Wang - Proc. of Symposium on Operating Systems Design and ..., 2004 - [usenix.org](#)

.. While **DNS** users can manually query each level of the hierarchy in turn ... **name** has been
 solved, most systems delegate this task to **local name**- **server** machines. ...



(dns or (name server)) and satellite and cache

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A Replicated Architecture for the Domain Name System

[Kangasharju] KW Ross - PROC IEEE INFOCOM, 2000 - nibbler.tk.informatik.tu-darmstadt.de

.. distribute new resource records over the **satellite** channel (or ... the local nameserver,

s a root **name server**, is ... type in **DNS** (AXFR query type [3]). When ...

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Securely implementing a BIND DNS server on RedHat Linux.

[Steadman - URL: http://www.giac.org/practical/GSEC/Jody_Steadman_GSEC... - [giac.org](#)

.. These files are named the **name** of the service they start. ... see how important and easy

it is to properly configure **DNS** infrastructure to ... Master **server** config file ...

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Replicating the DNS using Satellite Broadcast

[Kangasharju] KW Ross - Infocom 2000 - [eurecom.fr](#)

.. date, they distribute new resource records over the **satellite** channel (or ... 1. A **DNS**

query ... a root **name server**, ϕ !\$ is an intermediate nameserver, and ϕ ©i an ...

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ing: Estimating latency between arbitrary internet end hosts

[P Gummadi, S Saroiu, SD Gribble - Proceedings of the 2002 SIGCOMM Internet Measurement ..., 2002 - [portal.acm.org](#)

.. Each **DNS** query" is a UDP request packet. ... Even when the **name** servers and their end

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Cited by 88 - [Web Search](#) - [icir.org](#) - [cs.washington.edu](#) - [cs.berkeley.edu](#) - [all 24 versions](#) »

Requirements and Results for Communication Network and Satellite Studies

[F Bush - [crd.ge.com](#)

.. basis with client-based host tables or through a **name server**; eg, **DNS** is frequently ...

One additional **satellite** round trip time is required if resolution is ...

[View as HTML](#) - [Web Search](#) - [research.ge.com](#) - [crd.ge.com](#) - [research.ge.com](#)

DoDNS: Improving DNS Performance and Reliability via Cooperative Lookups

[S Park, VS Pai, L Peterson, Z Wang - Proc. of Symposium on Operating Systems Design and ..., 2004 - [usenix.org](#)

.. While **DNS** users can manually query each level of the ... most systems delegate this task

o local **name- server** machines ... update with new software or root **server** lists ...

Cited by 10 - [Web Search](#) - [db.usenix.org](#) - [codeen.cs.princeton.edu](#) - [cs.princeton.edu](#) - [all 7 versions](#) »

psj DNS with Ubiquitous Replication to Survive Attacks and Improve Performance

[M LaFlamme, BN Levine - [prisms.cs.umass.edu](#)

.. an error, the results from the **cache** are used ... **DNS** response, which is usually the

DNS response 4 ... 1. ipChange: at least one authoritative **name- server** for domain ...

[View as HTML](#) - [Web Search](#) - [prisms.cs.umass.edu](#) - [signl.cs.umass.edu](#)

DoDNS: Masking DNS Delays via Cooperative Lookups

[S Park, Z Wang, V Pai, L Peterson - Princeton University Computer Science Technical Report TR- ..., 2004 -

[codeen.cs.princeton.edu](#)

.. When CoDeeN must forward requests to the origin **server**, it performs a **DNS** lookup



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\ Hierarchical Internet Object Cache - Chankhunthod, Danzig, Neerdaels.. (1995) (Correct) (353 citations)
memory management, and a Domain Naming System (DNS) cache. Because of its high performance, the
sult. What happened, of course, is that the nameserver resolves the name between the time that the
tp.cs.colorado.edu/pub/techreports/schwartz/HarvestCache.ps.Z

Privacy Enhancement for Internet Electronic Mail: Part II.. - Kent (1993) (Correct) (222 citations)
names in certificates are Distinguished Names (DNs) as defined in the directory system (X.500)Once
tp.cert.dfn.de/pub/tools/crypt/secude/Security/pem/rfc1422.ps

Towards an Active Network Architecture - Tennenhouse, al. (1996) (Correct) (195 citations)
Web proxies and other services, such as DNS and multicast routers, that form strategic
distinguishing among the many routers, domain name servers, and web servers that conspire to provide the
tp.tns.lcs.mit.edu/pub/papers/ccr96.ps.gz

Fundamental Design Issues for the Future Internet - Shenker (1995) (Correct) (161 citations)
38] and [24]e.g.FTP)name service (e.g.DNS)and electronic mail (e.g.SMTP)3 These
www.cs.rutgers.edu/~bvickers/672/papers/She95.ps.gz

SPARSKIT: a basic tool kit for sparse matrix computations - Version .. - Saad (1994) (Correct) (143 citations)
dense format which needs no detailed description)DNS Dense format BND Linpack Banded format CSR
www.cs.umn.edu/Research/arpa/SPARSKIT/paper.ps

heuristics for Internet Map Discovery - Govindan, Tangmunarunkit (2000) (Correct) (129 citations)
or more databases (e.g. such as routing tables, the DNS, or a precomputed table of host addresses)
tp.usc.edu/pub/csinfo/tech-reports/papers/99-717.ps.Z

Internet Security Association and Key Management Protocol .. - Maughan, Patrick.. (1995) (Correct) (121 citations)
certificates. Currently, Domain Name System (DNS) Security Extensions [EK94] are being developed
tp.botik.ru/pub/doc/internet-drafts/draft-nsa-isakmp-02.ps.gz

Scalable Internet Resource Discovery: Research Problems and.. - Bowman, Danzig (1994) (Correct) (102 citations)
services [46]including the Domain Naming System (DNS) 33]the finger service [53] and the Simple Mail
o Netfind example, self-instrumented Internet name servers show that DNS traffic consumes 20 times more
hor.csie.ntu.edu.tw/notebook/reviewed_paper/references/harvest-proj/RD_ResearchProblems_Jour.ps.gz

Locating Nearby Copies of Replicated Internet Servers - Guyton, Schwartz (1995) (Correct) (102 citations)
considerations. These include Braun and Claffy's DNS mapping scheme [5]Gwertzman and Margo Seltzer's
sponses relative to the source of domain name server queries. Technical report, San Diego
ikwww.enc.iis.sinica.edu.tw/papers/r/ReplSvrLoc.ps

Scalable HTTP Server: The NCSA Prototype - Katz, Butler, McGrath (1994) (Correct) (92 citations)
onfigured http servers Use of Round-Robin DNS for distributing http requests across the cluster
bias seemingly inherent in the rotation of the name server mappings. This bias becomes immediately
ends queries for resource information to the server [named.NCSA Mosaic and most other www browsers
www.ncsa.uiuc.edu/InformationServers/Conferences/CERNwww94/www94.ncsa.ps

World-Wide Web Proxies - Luotonen, Altis (1994) (Correct) (91 citations)
nap well into HTTP methods. Clients without DNS (Domain Name Service) can still use the Web. The
www.ticl.co.uk/securityCD/docs/firewall/wwwproxy.ps

Novel Server Selection Technique for Improving the .. - Fei, Bhattacharjee, .. (1998) (Correct) (88 citations)



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ference to a shared file, the file stayed in the **local** cache indefinitely and the upper-level caches saw
tp.cs.colorado.edu/pub/techreports/schwartz/HarvestCache.ps.Z

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[Privacy Enhancement for Internet Electronic Mail: Part II.. - Kent \(1993\) \(Correct\) \(222 citations\)](#)
names in certificates are Distinguished Names (**DNs**) as defined in the directory system (X.500) Once
he MIC. The recovered MIC is compared against the **locally** calculated MIC to verify the integrity and data
ame (e.g. countries, states, provinces, **localities**) does not require that various governments
tp.cert.dfn.de/pub/tools/crypt/secude/Security/pem/rfc1422.ps

[Towards an Active Network Architecture - Tennenhouse, al. \(1996\) \(Correct\) \(195 citations\)](#)
Web proxies and other services, such as **DNS** and multicast routers, that form strategic
distinguishing among the many routers, domain **name servers**, and web servers that conspire to provide the
on-the-fly technology to translate such methods **locally**, or it could load platform-specific versions
tp.tns.lcs.mit.edu/pub/papers/ccr96.ps.gz

[Fundamental Design Issues for the Future Internet - Shenker \(1995\) \(Correct\) \(161 citations\)](#)
38] and [24] e.g. FTP) name service (e.g. **DNS**) and electronic mail (e.g. SMTP) 3 These
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[Heuristics for Internet Map Discovery - Govindan, Tangmunarunkit \(2000\) \(Correct\) \(129 citations\)](#)
or more databases (e.g. such as routing tables, the **DNS**, or a precomputed table of host addresses)
his technique alone might only result in a campus-**local** map. For technique 1, we need a heuristic that
topology against the backbone structures of a **local** ISP and of part of a statewide research and
tp.usc.edu/pub/csinfo/tech-reports/papers/99-717.ps.Z

[Internet Security Association and Key Management Protocol .. - Maughan, Patrick.. \(1995\) \(Correct\) \(121 citations\)](#)
certificates. Currently, Domain Name System (**DNS**) Security Extensions [EK94] are being developed
This implies that the issuing entity must use **local** secret information in the generation and
Address, the UDP Source and Destination Ports and a **locally** generated secret random value. ISAKMP requires
tp.botik.ru/pub/doc/internet-drafts/draft-nsa-isakmp-02.ps.gz

[Scalable Internet Resource Discovery: Research Problems and.. - Bowman, Danzig \(1994\) \(Correct\) \(102 citations\)](#)
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of servers, but many users simply browse a **local** copy of this server list. 1000 100 10 1 Index
hor.csie.ntu.edu.tw/notebook/reviewed_paper/references/harvest-proj/RD_ResearchProblems_Jour.ps.gz

[Locating Nearby Copies of Replicated Internet Servers - Guyton, Schwartz \(1995\) \(Correct\) \(102 citations\)](#)
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of locating objects and distributing load in **locally** distributed environments. While it is

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